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THE PLOTTER

CLACKAMAS COUNTY AREA T/S
USERS GROUP
NEWSLETTER

***
VOLUME 1, NUMBER 4
***
DECEMBER, 1983
*****

EDITED BY: ROD GOWEN
WRITERS: ROD GOWEN,
DICK WAGNER
DENNIS JURRIES

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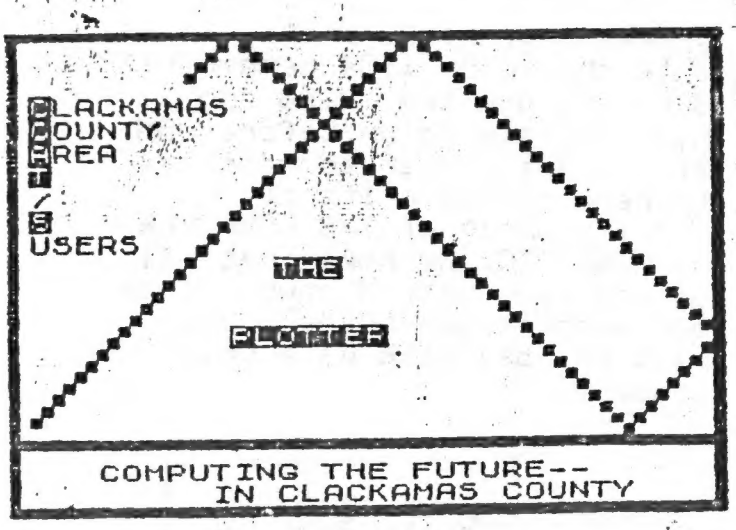
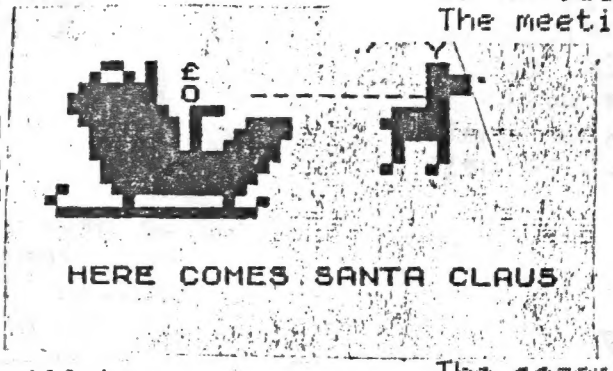


MERRY CHRISTMAS



December already- and the HOLIDAYS are upon us. We hope that with all that is going on, we want to make sure that you do not miss out on our meeting this month. It is an important one, as we will be electing new officers. If you are not there, your voice will not be heard. We do however, want you to have the best HOLIDAYS ever.

Our DECEMBER meeting will be held:

on: FRI. DECEMBER 9th
at: 7:00 P.M.
in: RM 142
CLAIRMONT HALL, CC

PATS GROUP will be meeting:

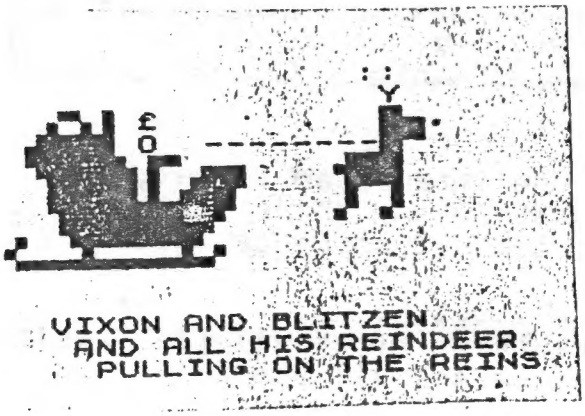
on: SATURDAY, DEC. 10th
at: 1:00 P.M.
in: RM B15 SCI and TECH
PCC SYLVANIA CAMPUS

Anyone interested is welcome to attend and share in the knowledge that we can all be of help to each other. That way we all get more out of our computers. After all, isnt that what we are all about?

Our last meeting was held on NOV. 10th, 1983, at 7:00 P.M. in RM 101, RANDALL HALL, CCC. The meeting was called to order and new business was discussed. The first was the election of a club LIBRARIAN. LAURA GOWEN was proposed, seconded, and and was duly elected. GOOD LUCK, LAURA>>*

The second order of business was the Pins that we are having made up for our members to wear at club meetings and functions. The prototype design (a copy of which can be seen on page two) was displayed and was approved for use by a general show of hands. We think that they will be a nice feature and will help to let people know what we represent. The Pins, when ready, (hopefully by next meeting) will be given out to all who have PAID-UP 1984 memberships. Each Paid member will receive one (1) Pin. Additional Pins may be Purchased at the nominal cost of $1.00 each, all proceeds going into the CCAT/S treasury.

Speaking of memberships, Please note that your 1984 membership dues are due and owing and must be paid on or before JAN. 31, 1984 in order to continue to reap the benefits of our growing group of T/S COMPUTER ENTHUSIASTS. We hope that all of you have gained enough from our association to make you want to stay with us a while longer.



We have set up a new voluntary office. A PUBLIC RELATIONS OFFICER. Our new PR OFFICER is BOB EVANS. BEST OF LUCK, BOB. Be sure that we become well known in the area. I know that we will all do our best to help him.

TIMEX SOFTWARE

TIMEX sinclair

NEW MEMBERS

We received two new members at the last meeting. They are:

RICK READ 982-3142
221 GARFIELD
WOODBURN, OR 97071

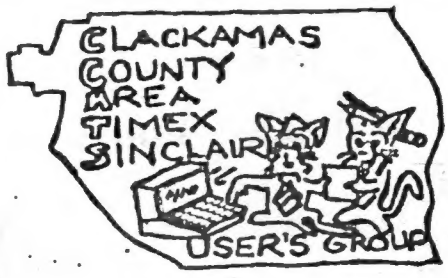
BOB COLE 266-9967
12664 S. MULINO RD
CANBY, OR 97013

WELCOME TO THE GROUP*****

Use the POWER within your reach!

BITS and BYTES

Here, as promised, is the new pin and badge design.



We have a member, VINCENT LYON, who operates a Print shop called: THE EXECUTIVE WORKSHOP. If any of you need Printing done or are interested in very good BUSINESS SOFTWARE for your T/S COMPUTERS, Please give him a call. He has also donated a box of specially Printed business cards for our group with our new emblem on them.

Still no sign of the new T/S 2068, even if TIMEX says that they will be available in time for CHRISTMAS we find it hard to beleive, in light of Past Performance records. We can always hope though.

Letters

DEAR EDITOR,

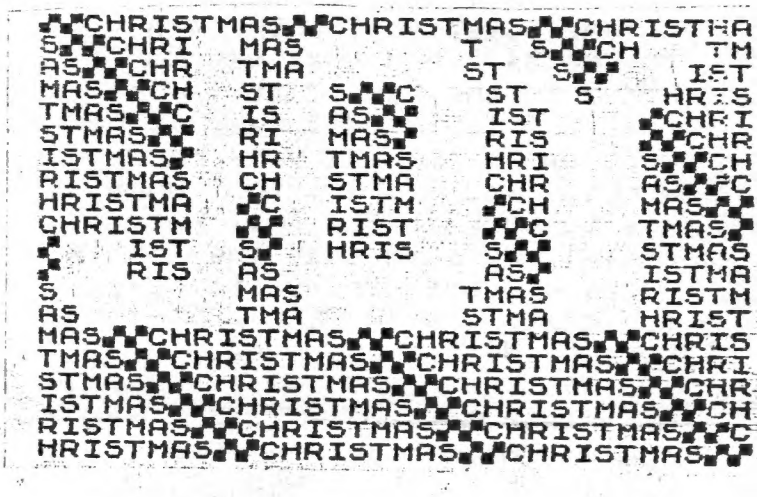
Several meetings ago I demonstrated the character generator add-on for my ZX81. This generator was purchased from SPYDER ELECTRONICS, and included a special EPROM chip. I had a question about the high resolution pixel used in PLOTing, so I wrote them. Well, I found out that they are out of business. Now I am on my own to learn more about how to use it. It seems that each improvement in technology sprouts new businesses and drops many others into oblivion.

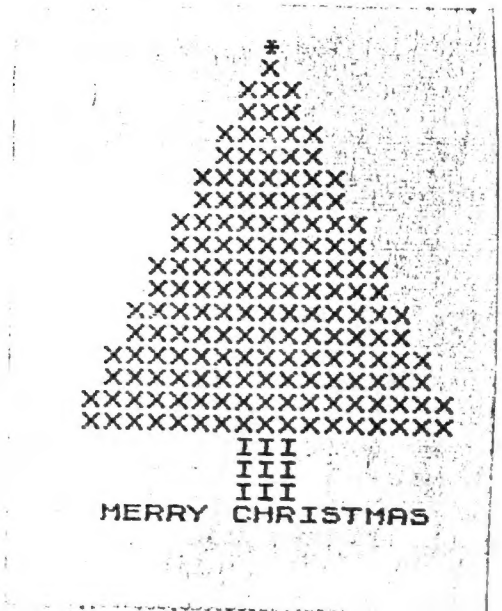
One big advantage of our SINCLAIR developed products is the relative low prices, not only for the computer, but many add-ons, programs, books, tapes, etc. Look at prices for just programs for more expensive machines. It seems they are priced in proportion to the cost of the original equipment. Even APPLE claims tht their profit comes from software.

My point is that forthe price of less than 10 tanks of gas, we can have a real educational experience in the world of computers. We can buy, if we cannot program, many programs for games, finances, even some word processing. And, from some books and magazines, we can copy programs that can be SAVEd for reuse. And, LUCKY US, we have each other to provide advice and experience on problems. But, CCAT/S members need to know each other better. Do not limit your visiting to a once a month meeting. Phone a member for help when you need it. The system you have is just as interesting to me as mine is to you, and we are all interested in others.

Here is to a bigger CCAT/S group.

DICK WAGNER



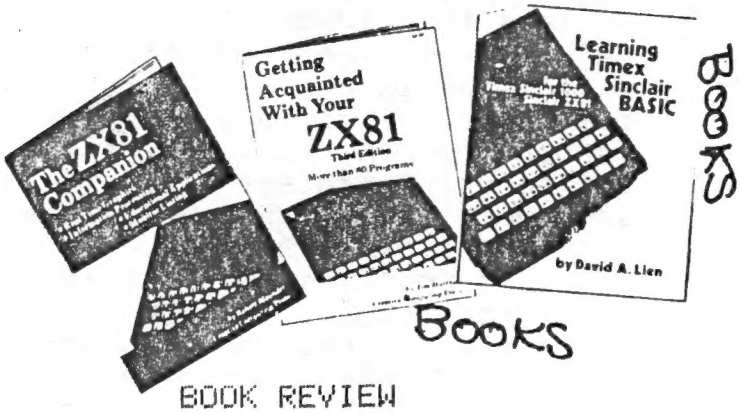


(If any of you loyal PLOTTER readers have something to say, Please feel free to address your letters and/or comments to:

CCAT/S EDITOR
1419 1/2 7th STREET
OREGON CITY, OR 97045

We will print as many as possible in future issues. We ARE interested in helping, if at all possible.)

BOOKS



BOOKS

BOOKS

BOOK REVIEW

by

ROD GOWEN

THE SINCLAIR ZX81
PROGRAMMING
FOR REAL APPLICATIONS

WRITTEN BY

RANDLE HURLEY

The author of this book had one very important fact in mind when he started to put this volume together (other than the money), and that was to prove to the public at large that the lowly ZX81 was, as he went on to show, a very hard working and usefull tool when put to work at its full potential. He said that the little machine, considering its size and cost, was "A REAL WORK-horse". We think so too.

After purchasing this book and its matching cassette from DILITHIUM PRESS in BEAVERTON, OR, at a total price of $21.95 (since then the price has gone down, so check with them before you order), I set to work on the tape without first reading the book. I soon found that I was getting nowhere real fast. But, once I had read the book, it all came together. It is written in (to me, at least) very easy to understand language. I found many of the routines described to be of great help to me in so far as programming goes. Any time you can use someone elses experiences to further your own goals, and at such a low cost, then I say"GRAB IT".
As MR. HURLEY is an author, he wrote a sort of WORD PROCESSOR that he called WORD JUGGLER. It is a very usefull program ifyou wish to write only a small amount or if you want to use it as a reading aid for someone (just one more of its many uses). Having since gone on to an EPROM WORD PROCESSOR, I find this one very primitive. Some of the other programs have to do with checkbook managing, and a rather unique grading and ranking routines.

On the whole, I can recommend this set to anyone starting out and in need of some help with special routines.

Mr. Hurley has other books in print also, so keep your eyes open AND KEEP READING>>>>>

ATTENTION!
NOW HEAR THIS!

ACH-TUNG!

ZX/TS P and R

Here is your tip of the month for DECEMBER.
If you are writing a program and are unsure as to the ability of a routine to do what you want it to, then try the following;

type in: RUN XXXX

The XXXX stands for the first line of the routine that you wish to test. This will prevent having to run the whole program each time you wish to try it. Thanks DICK.

This month our program also comes from DICK WAGNER. This program could be used as an attention getter, as it does have some action. The PLOT pixel looks like it is jumping up and down a flight of steps. Lines 10 and 50 PRINT the name and delete the PLOT pixel. This is a simple way to get around using PRINT AT. Try changing lines 20 and 40 to N,0 and lines 70 and 80 to X,0. This shows that PLOT will wipe out characters when using the same space. Then change line 20 and 40 to N,10 to give different action again. Try the original program but change 70 and 80 to X,0. To keep from deleting thebottom name, change line 10 to N=2 TO 43.

```
   1 REM AN EASY METHOD TO MAKE
AN ACTION ATTENTION GETTER.
   2 REM SEE TIMEX USER MANUAL P
AGE 65 ABOUT PLOT MOVES THE PRIN
T POSITON.  DID YOU SKIP OVER TH
IS?
   3 REM USE RUN TO START THE AC
TION.
  10 FOR N=1 TO 43
  20 PLOT N,N
  30 PRINT "LAURIE G."
  40 UNPLOT N,N
  50 NEXT N
  60 FOR X=43 TO 1 STEP -1
  70 PLOT X,X
  80 UNPLOT X,X
  90 NEXT X
 100 GOTO 10
 200 REM THE WORD PRINT-OUT STAR
TS AT PLOT 0+3 BECAUSE PLOT CHAR
ACTER IS 1/2 OF PRINT CHARACTER
WIDE.  THIS EXERCISE DEMOSTRATES
 REM 2.
 300 REM LINES 60-90 PRINTS PLO
PIXELS IN REVERSE.  LINE 100 KEE
PS THE ACTION GOING.
```

```
                    LAURIE G.
                   LAURIE G.
                  LAURIE G.
                 LAURIE G.
                LAURIE G.
               LAURIE G.
              LAURIE G.
             LAURIE G.
            LAURIE G.
           LAURIE G.
          LAURIE G.
         LAURIE G.
        LAURIE G.
       LAURIE G.
      LAURIE G.
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LAURIE G.
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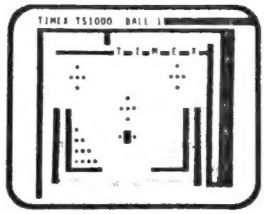
USER REVIEW



COMING NEXT MONTH

PINBALL 16K 03-4010

Plays like a real pinball game complete with flippers, bumpers, "nudge", bonus points and more. Uses fast, efficient machine code to choose its moves. © A.H. Laity 1982 Softsync, Inc.

We just want to get in a few last reminders in this, the last issue in VOLUME 1.

FIRST- anyone who has books or magazines checked out and overdue, please return them so that others may have the benefit of them.

SECOND- do not forget to pay your 1984 dues by JANUARY.

THIRD- and finally, DO NOT FORGET TO HAVE THE BEST OF ALL POSSIBLE HOLIDAY SEASONS.

WE WISH YOU A MERRY CHRISTMAS
AND A HAPPY NEW YEAR/////**

AS ALWAYS...
KEEP ON---
POKEing and PEEKing

REMEMBER THE SEASON

GOOD WILL TO ALL

CCAT/S
1419 1/2 7th STREET
OREGON CITY, OR 97045